EcoFlow DELTA 3 1000 Air

Manual de usuario oficial — reconstruido desde https://manuals.ecoflow.com/us/product/delta-3-1000-air?lang=en_US

Fuente: EcoFlow · Compilado por Voltaris.co



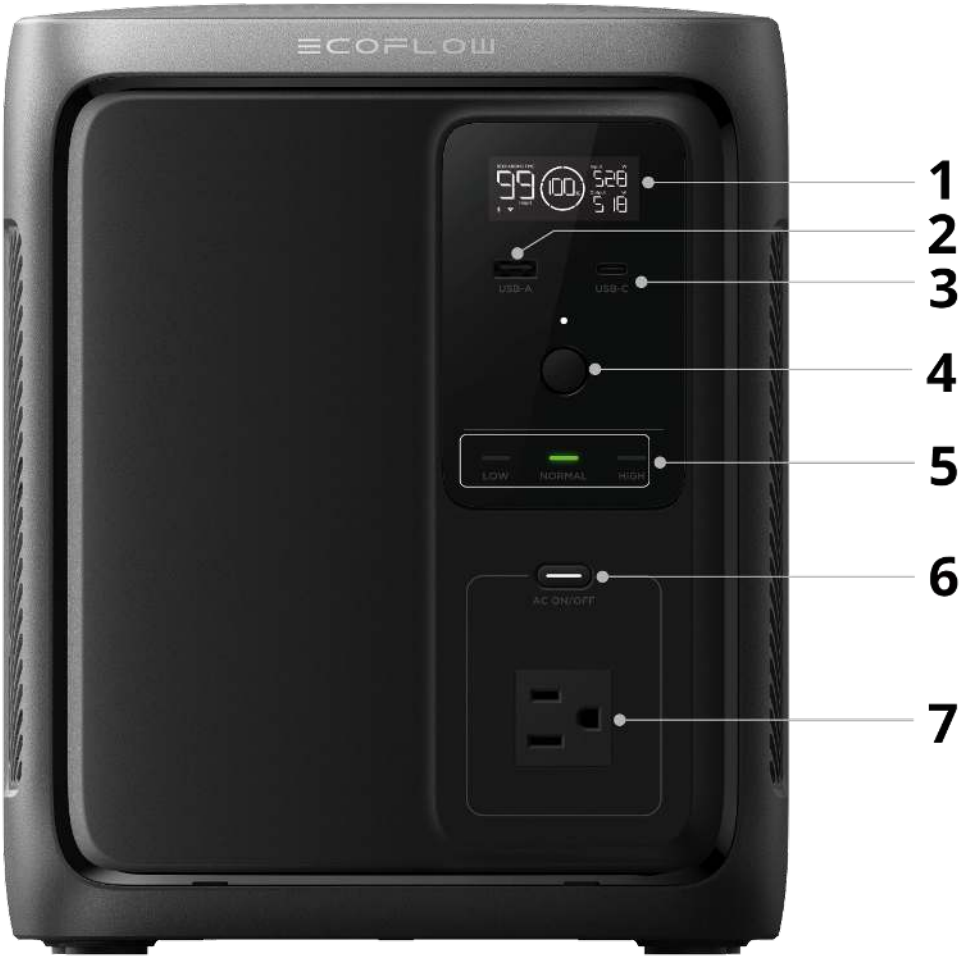
About This Manual

- This manual contains an introduction to this power station, and details on its operation, management, and maintenance. Please note that this manual may be updated without prior notice.- The availability of certain accessories and features described in this manual may vary depending on your country or region.- All images displayed in this manual are for demonstrative purposes only. Please refer to the actual product received. The following examples are based on the US version of EcoFlow DELTA 3 1000 Air.- If you are reading this manual in PDF format, please note that you can access it online at EcoFlow Support for a better experience and the latest updates.

Overview

EcoFlow DELTA 3 1000 Air (hereinafter referred to as "DELTA 3 1000 Air", or "the power station") is a power station with a $LiFePO_4$ battery and a capacity of 960Wh. It has multiple outputs, including an AC port, a USB-A port and a USB-C port to support various appliances and devices. The variety of charging options allows you to easily switch between different methods based on your actual needs.

Appearance



1	**Display screen**
	Displays operating status.
2	**USB-A output port**
	Supplies power to charge phones, tablets, earphones, or other devices.
3	**USB-C output port**
	Supplies power to charge phones, tablets, earphones, or other devices.
4	**Main power button**
	Power on/off${\n} • Press the button once to turn on the power station. Long press the button for 2 seconds to turn it off.${\n} ${\n}Screen on/off${\n} • After the power station is turned on, press once to turn on or off the display screen.${\n} ${\n}Reset IoT connections${\n} • While the power station is off, long press the button until the screen displays the power-on animation twice to reset the Bluetooth and Wi-Fi connections.${\n}
5	**Voltage Indicator**
	Green / Blinking Green: Normal voltage${\n} Red: Over-voltage${\n} Yellow: Under-voltage${\n}
6	**AC output control button**
	Press the button once to enable or disable AC power output. The indicator light illuminates when AC output is active.
7	**AC output port**
	Supplies power to AC loads (household appliances or other equipment). The appearance and specification of AC output and input ports vary according to your local standards.

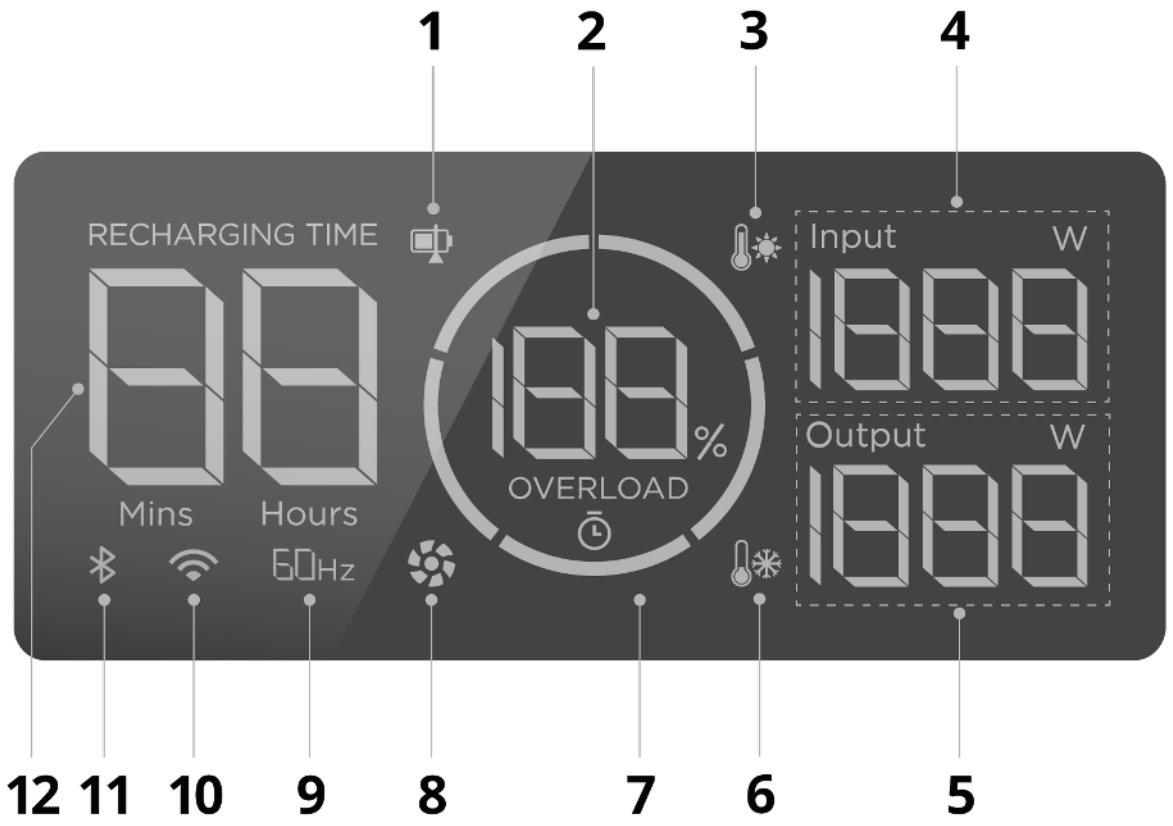


8	**Solar/Car charging input port**
	Connects the power station to solar panels or a vehicle power source (cigarette lighter socket or on-board battery charger) for charging.
9	**Heat vent**
	Dissipates the internal heat.
10	**AC charging input port**
	Connects the power station to an AC power source (wall outlet or generator) for charging.

Display Screen

• Icons may be updated to enhance the user experience. Please refer to the actual display. **•** A malfunction is detected when an input/output icon is flashing. Please check the EcoFlow in-app instructions for troubleshooting.

Function Bar



1	Discharge/Recharge level limitation	7	Overload warning
2	Remaining battery percentage	8	Fan
3	High temperature warning	9	AC output frequency
4	Input power	10	Wi-Fi connection
5	Output power	11	Bluetooth connection
6	Low temperature warning	12	Remaining charge/discharge time

If the error message persists after troubleshooting, please stop using the power station immediately. Do not attempt to charge or discharge.

Getting Started

Power On/Off

- **Power On**${\n}Press the button once to turn on the power station.${\n}
- **Power Off**${\n}Long press the button for 2 seconds to turn it off.${\n}

- **Screen On/Off**${\n}After the power station is turned on, press once to turn on or off the display screen.



1. The power station can't be turned off via the main power button when it has charging input. Please unplug the charging cable first. 2. If you still can't turn off the power station, please disconnect the Bluetooth connection with other devices (e.g. generator) and try again.

Control via EcoFlow App

EcoFlow offers a companion app for device management. With this mobile application, you can:
- Enjoy all-in-one control of your EcoFlow devices from anywhere.
- Monitor power consumption details seamlessly with real-time updates.
- Personalize your energy scheme with an array of customizable options.
- Promptly receive in-app troubleshooting and firmware updates.

Scan the QR code or download it at:

Bind Device and Set Up Internet

After successfully registering an EcoFlow account, bind your EcoFlow devices to your account to ensure remote access to the device's settings.

To bind a new EcoFlow device:

1. Visit the EcoFlow app and log in to your EcoFlow account.
2. Tap the Add Device button or ➕ icon in the top right corner to search for new EcoFlow devices.
3. Select your EcoFlow device and follow the pop-up instructions to complete device binding and Wi-Fi setup.

Unable to discover this power station via Bluetooth?

Try the following steps:

1. Power Off: Press and hold the Main Power button for 2 seconds to turn off the power station.
2. Reset Bluetooth: While the power station is turned off, press and hold the Main Power button for at least 5 seconds after the screen turns on to reset all Bluetooth and Wi-Fi connections.
3. Power On & Retry: Press and hold the Main Power button for 2 seconds to turn on the power station, and start searching again.
4. If the problem persists, contact technical support.

Control via Phone

With the EcoFlow app, you can manage all your EcoFlow binding devices on your phone.

The power station supports Wi-Fi and Bluetooth connections, adapting to varying network conditions to ensure convenient access to device settings.

- **With Internet**

When Wi-Fi is stable, you can access the device settings via the internet. This method is always recommended to ensure your EcoFlow device can receive timely firmware updates and pushes.



- **Without Internet**

If the Wi-Fi connection is limited, you can manage the power station locally via Bluetooth.



Product Compatibility

Other EcoFlow Products

- Click on the product name to view the corresponding user manual.

Name	Model
EcoFlow 500W Alternator Charger	EF-MS-H02-1
EcoFlow WAVE 2 Portable Air Conditioner	EFKT210

Power Your Appliances

Via USB Output Ports

Connect your devices directly to the USB ports on the power station.



- It is recommended to charge your electronic device using a compatible USB charging cable. - The maximum output power may not be available if the cable or device does not support the corresponding protocol.

Via AC Output Port

1. Press the AC output control button once to enable the power supply.2. Connect your appliances to an AC output socket on the power station.

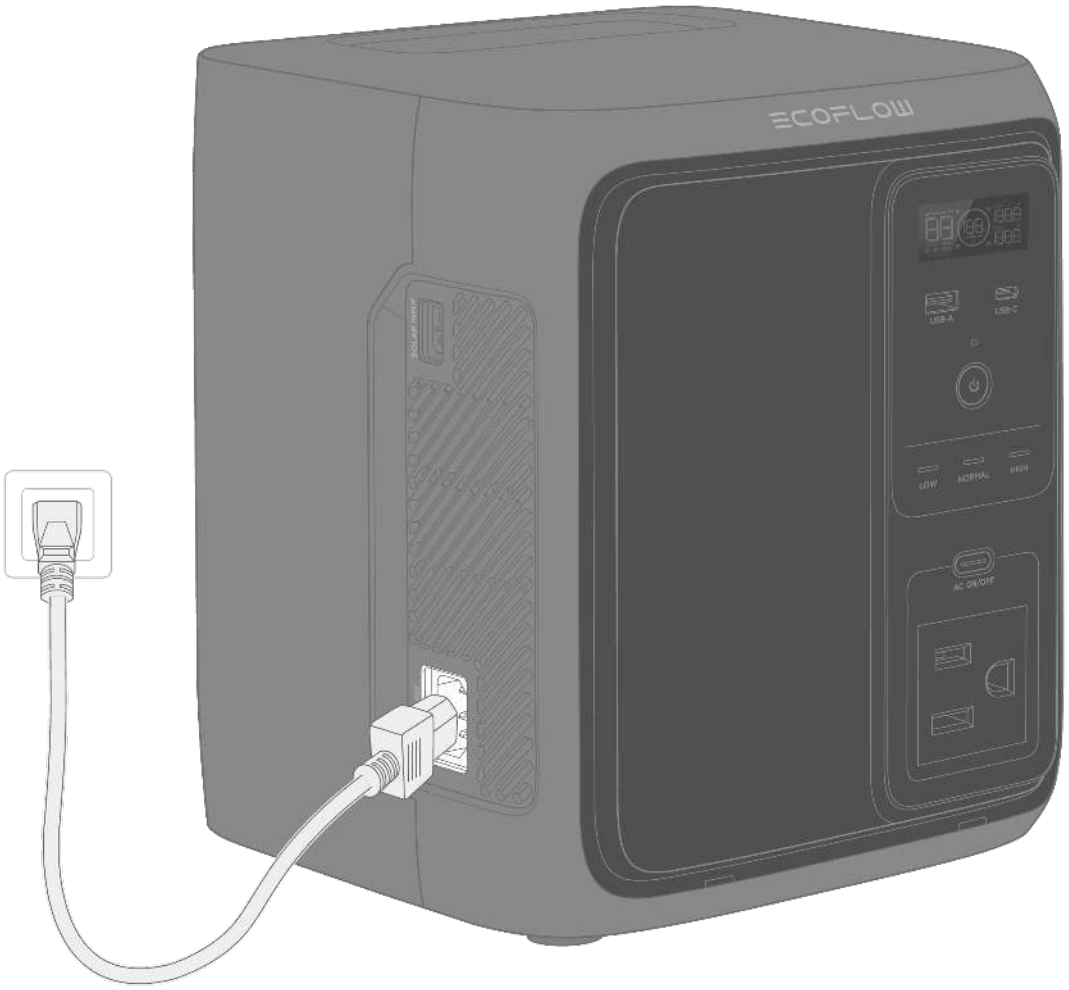


AC Timeout TipThe AC output port of the power station will automatically turn off if the port is idle for a certain period. When the power station is connected to an intermittent load like a refrigerator or air conditioner, this feature may be triggered. If you need to power your device continuously, such as when storing medicines, vaccines, or other valuable items in a refrigerator, set the power station's AC timeout interval to "never" in the EcoFlow app. Additionally, regularly check the power station's battery level.

Charge Your Power Station

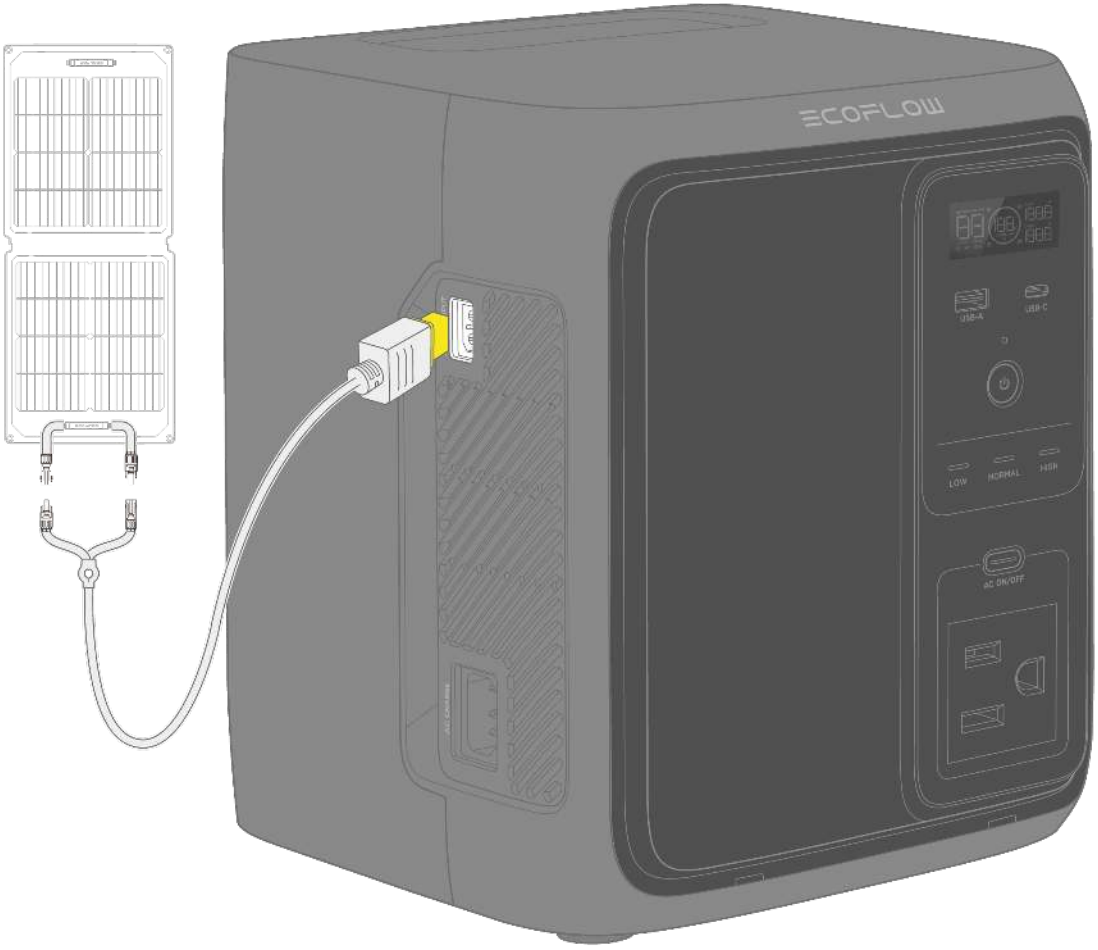
From a Wall Outlet

Please connect the power station's AC input port to a wall outlet using the provided **AC charging cable**.



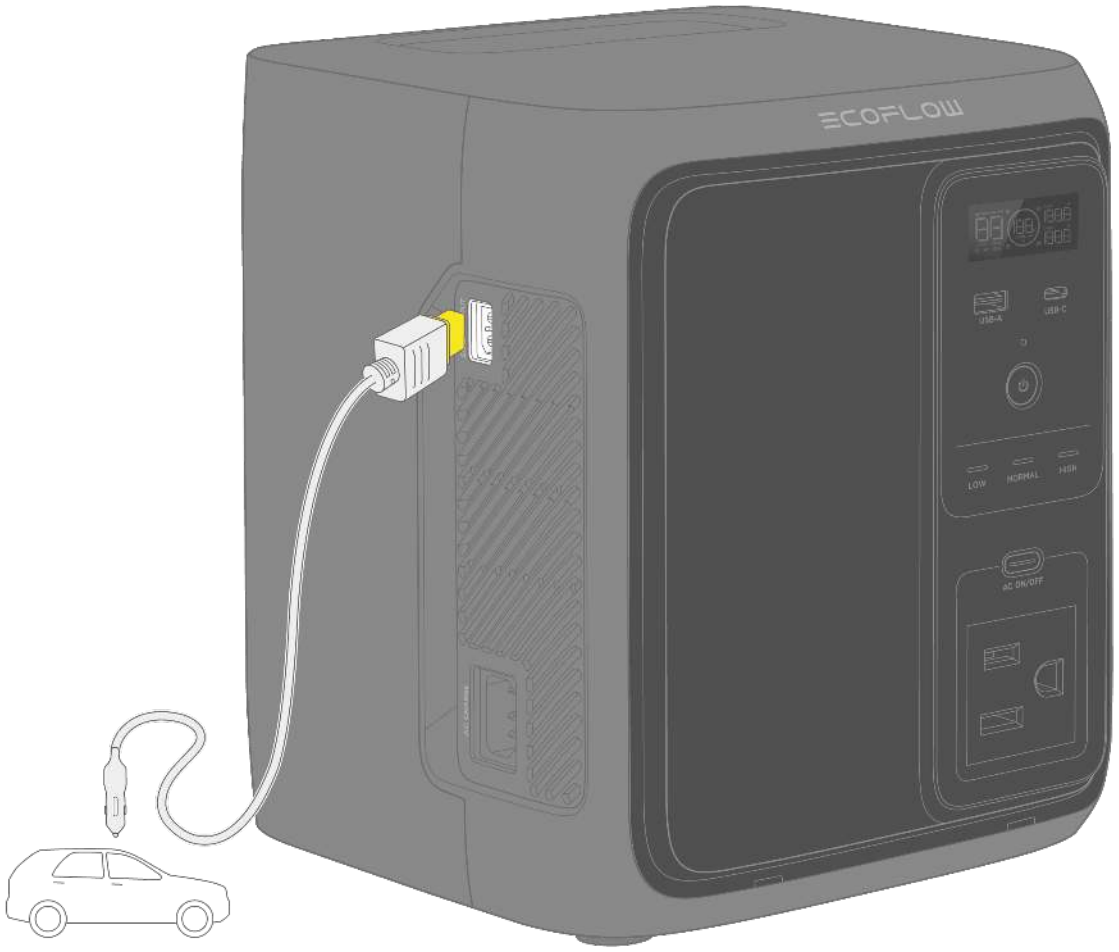
From Solar Power

The XT60i input port of the power station supports both solar charging and car charging. Here is a basic guiding principle that helps you check your setup when connecting your solar panel(s) to charge the power station:**1.** Connect this port to the solar panel(s) using an **EcoFlow Solar to XT60i Charging Cable** (sold separately).**2.** Please make sure that the total Voc (open circuit voltage) of the solar panel(s) is within 60V, and the total Isc (short circuit current) is within 15A to avoid product damage.**3.** For series or parallel connection, please refer to the solar panel's manual for more details.



From a Cigarette Lighter Socket

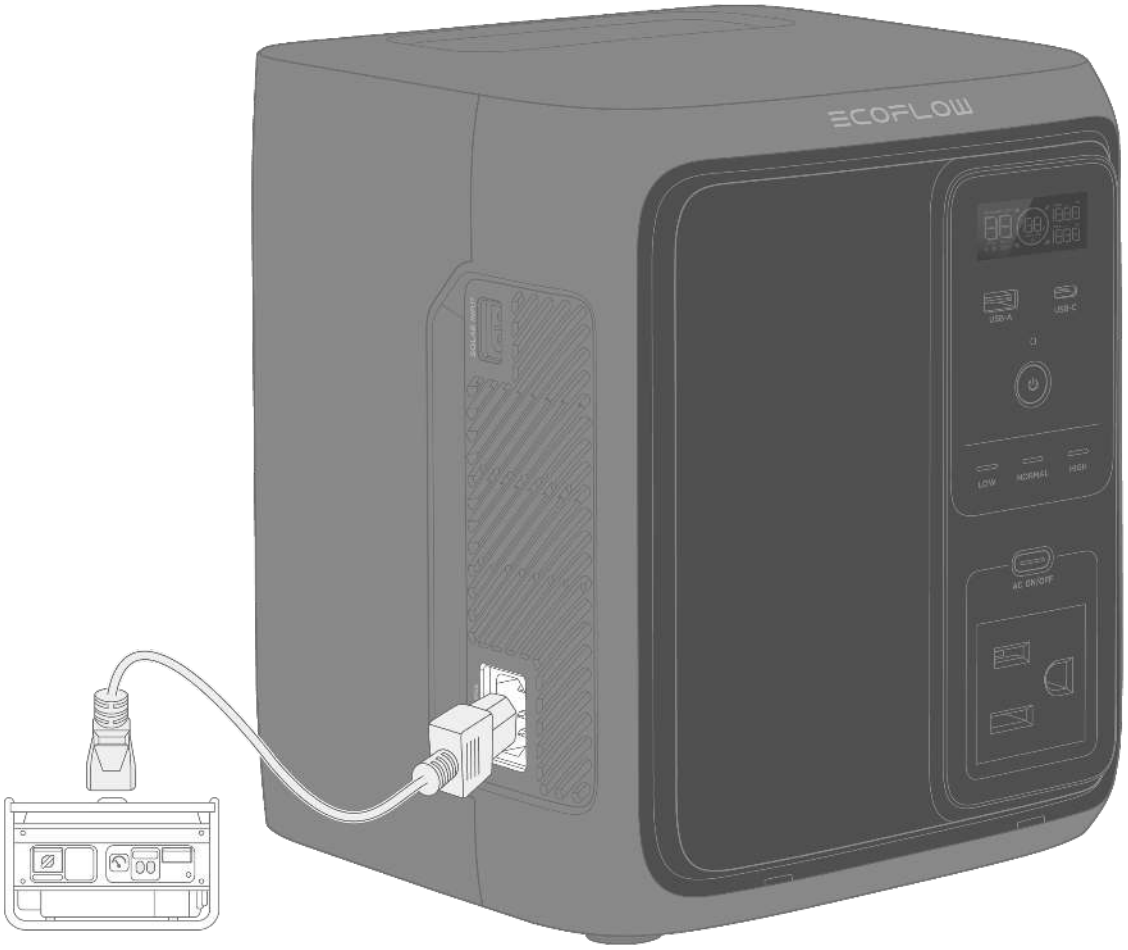
The XT60i input port of the power station supports both solar charging and car charging. Please connect the power station's car charging input port to your vehicle’s cigarette lighter socket using the **EcoFlow car charging cable**. Please purchase the EcoFlow car charging cable separately.



To avoid the start failure due to insufficient car battery, please connect the charging cable after the vehicle is started. In addition, please make sure that the cable is securely connected to the cigarette lighter.

From a Generator

Via the AC Input PortConnect the power station's AC input port to a generator using the provided AC charging cable.



Advanced Features

X-Boost: Powering High-Wattage Appliances

X-Boost is an innovative technology exclusive to EcoFlow power stations. It allows the power station to support appliances with a higher power requirement than its rated power output.### How do I use this feature?X-Boost is active by default. In the EcoFlow app, you can turn off or turn on this feature.1. Connect a high-wattage appliance to an AC output port on the power station.2. Open the EcoFlow app and log in to your EcoFlow account.3. Turn off/on X-Boost in the device’s settings.### What kind of devices does X-Boost support? * X-Boost is more suitable for heating devices, such as an electric blanket, a water heater, or a heat pump.* X-Boost does not support devices with voltage protection (such as precise instruments). Connecting such devices may cause them to stop working due to low voltage.

Notice X-Boost is unavailable when the power station is connected to an AC power source (e.g. The power station is charging or in **bypass mode**). ※ Bypass mode: When you recharge and discharge the device (via AC input & output ports) simultaneously, the device enables bypass mode automatically.

Storage and Maintenance

Storage

1. Store the device in an environment between -10°C and 45°C, with a recommended range of approximately 0°C to 30°C to maintain battery health.2. Keep the product in a dry, cool, well-ventilated area that is secure and reduces the risk of falling.3. Ensure the device is kept away from water sources, heat sources, strong magnetic fields, environments with corrosive gases, and any flammable or explosive substances.4. For long-term storage, charge and discharge the product once every 3 months (fully charge it, then discharge to 60% for storage) to maintain battery health.

Notice Do not leave the device uncharged or unused for more than 6 months; otherwise, the warranty will be void.

Cleaning

Use a soft, dry cloth to wipe and clean the product.

Maintain Battery Health

1. Avoid leaving the product unused for extended periods of time.
2. Charge and discharge the product every 3 months to increase its lifespan.

Safety Instructions and Compliances

Disclaimer

Please read the product document and ensure that you understand it fully before using the product. After reading this document, keep it for future reference. Improper use of this product may cause serious injury to yourself or others, or cause product damage and property loss. Once you use this product, it is deemed that you understand, approve, and accept all the terms and content in this document. EcoFlow is not liable for any loss caused by the user's failure to use the product in compliance with the product document. In compliance with laws and regulations, EcoFlow reserves the right to the final interpretation of this document and all documents related to the product. This document is subject to changes (updates, revisions, or termination) without prior notice. Please visit EcoFlow's official website to obtain the latest product information: https://www.ecoflow.com/.

Operation

1. Do not disassemble, repair, or modify this product by yourself. For any maintenance or service, please contact EcoFlow Customer Service.2. Always disconnect the product from all external power sources before attempting any service or maintenance. 3. To reduce risk of damage to the electric plug and cord, pull the plug rather than the cord when disconnecting the product.4. Do not pierce the product with sharp objects.5. Do not put fingers or hands into the product.6. Do not insert wires or other metal objects into the product to prevent short circuits.7. Do not block or restrict the heat dissipation system of the product during operation.8. Do not use any unofficial or unrecommended components or accessories. For any replacements, please contact EcoFlow for further assistance.9. Do not operate this product if the cord, plug, or any output cable is damaged.10. Do not stack any heavy objects on the product.11. Place the product on a stable and flat surface. Avoid damage to the device or personal injury due to the product falling or tipping over.12. Use a soft, dry cloth to wipe and clean the product.13. **AC Timeout Tip**: The AC output port of the power station will automatically turn off if the port is idle for a certain period. When the power station is connected to intermittent loads like refrigerators or air conditioners, this feature may be triggered. To ensure continuous power supply for critical uses, such as storing medicines, vaccines, perishables, or other valuable items in a refrigerator, set the power station’s AC timeout interval to "never" in the EcoFlow app. Additionally, regularly check the power station’s battery level.14. **Medical Equipment Limit:** The product is not intended for powering life-sustaining medical equipment, including but not limited to medical-grade ventilators (hospital-grade CPAP: Continuous Positive Airway Pressure) or artificial lungs (ECMO: Extracorporeal Membrane Oxygenation). If you plan to use it for other medical equipment, consult with the equipment’s manufacturer first to ensure there are no restrictions on using an external power source with their equipment.15. **Medical Equipment Interference:** When in use, power supply products will generate electromagnetic fields, which are likely to affect the normal operation of medical implants or personal medical equipment such as pacemakers, cochlear implants, hearing aids, defibrillators, etc. If these types of medical equipment are being used, please contact the manufacturer to inquire about any restrictions on the use of such equipment. These measures are fundamental to ensure a safe distance between the medical implants (for example, pacemakers, cochlear implants, hearing aids, defibrillators, etc.) and this product while in use. 16. The plug of the charging cable included in the package is a disconnecting device, and the wall outlet to which it is connected must be easily accessible and well grounded.17. Electrical appliances connected to this product must comply with local certification requirements, and Type-C ports are only permitted for appliances with fireproof enclosures.18. **Risk of Electric Shock:** Never use the product to supply power tools to cut or access live parts, live wirings, or materials that may contain live parts or live wirings inside, such as building walls.19. **Use in Repair Facility:** During use in a repair facility like a vehicle repair center, workshop, or any other place where repairs are conducted, do not place the product on the floor, or at a height less than 457 mm (18 inches) above the floor.20. **GROUNDING INSTRUCTIONS:** This product must be grounded. If it should malfunction

or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. For your safety, EcoFlow provides a cord with an equipment grounding conductor and a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded in accordance with all local codes and ordinances.21. **WARNING** – Improper connection of the equipment grounding conductor can result in a risk of electric shock. If you encounter the following situations, consult a qualified electrician instead of modifying the plug provided with the product: - You are unsure whether the product is properly grounded; - You find that the plug provided with the product does not fit the outlet.

Storage

1. Follow the environment temperature requirements specified in the product specification to use or store the product. Avoid degradation or damage to the product, or risks to personal safety due to excessively high or low temperatures.
2. Do not use the product near a heat source, such as a fire source or a heating furnace.
3. Do not get the product wet or immerse it in any liquid. When using the product in wet environments like rainy areas or places near water, protect it with a waterproof bag.
4. Do not use the product in an environment with strong static electricity or magnetic fields.
5. Keep the product out of reach of children and pets. If the product is to be used near children, ensure that they should be closely supervised.
6. Keep the product away from fumes, smoke, steam, and dust.
7. Store the product in a tidy, dry, and well-ventilated place.
8. Do not carry the product onto a plane.
9. Do not subject the product to severe impacts, vibrations, or drops.

In Case of Emergency

1. In case of emergency, take precautions against electric shock before touching the product, such as wearing insulating gloves.
2. If the product gets wet, stop using it immediately and refrain from further operation or powering it on. Place the product in a secure, waterproof, and well-ventilated area, then contact EcoFlow Customer Service for assistance.
3. If the product falls into water, place it in a secure, waterproof, and well-ventilated area, and keep it away from contact until it is completely dry. Once dried, the product should not be used again and must be properly disposed of according to local laws and regulations.
4. If the product catches fire, we recommend that you use the fire extinguishers in the following order: water or water mist, sand, fire blanket, dry powder, and finally a carbon dioxide fire extinguisher.
5. If the product is overturned and severely damaged, wear insulating gloves to turn it off, and then place the product in an open area far from flammable materials and people, and dispose of it according to local laws and regulations.

Recycling and Disposal

1. The product with severe damage, malfunction, or depleted battery life should be properly disposed of or recycled.
2. The product contains batteries. Please dispose of the product following local laws and regulations for battery disposal and recycling. Do not dispose of it with household waste to avoid environmental pollution and safety hazards.
3. If possible, ensure the battery is completely discharged (to 0% capacity) before disposing of the product. If not, refrain from placing the battery directly into a battery recycling box. Instead, contact a professional battery recycling company for proper handling.

Regulatory Compliance

FCC Compliance StatementAny Changes or modifications not expressly approved bythe party responsible for compliance could void the user's authority to operate the equipment.This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) This device may not cause harmful interference, and(2) this device must accept any interference received, including interference that may cause undesired operation.Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interferencewhen the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in acccordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.RF exposure statementThis equipment complies with the FCC radiation exposurelimits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

INDUSTRY CANADA COMPLIANCEThis device complies with Industry Canada licence-exempt RSS standard(s)Operation is subject to the following two conditions:(1) this device may not cause interference, and(2) this device must accept any interference, including interference that may cause undesired operation of the device.Le présent appareil est conforme aux CNR d'Industrie Canadaapplicables aux appareils radio exempts de licence.L'exploitation est autorisée aux deux conditions

suivantes:(1) l'appareil nedoit pas produire de brouillage, et(2) l'utilisateur de l'appareil doit accepter tout brouillage racdioélectrique subi, même si le brouillage est susceptible d'en compromettre lefonctionnement. This Class A digital apparatus complies with Canadian ICESS-003.Cet appareil numérique de la classe A est conforme à la noorme NMB-003 du CanadaCAN ICES(A) / NMB(A)IC RF StatementThis equipment complies with the ISED radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.Cet équipement est conforme aux limites d'exposition auxrayonnements de l'ISED établies pour un environnement non contrôlé. Cet émetteur ne doit pas être co-localisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.



CE Hereby, EcoFlow Inc. declares that this product is in compliance with Directive 2014/30/EU, 2014/53/EU, (EU)2011/65/EU(RoHS)and its amendment (EU)2015/863. The full text of the EU declaration of conformity is available at the following internet addresses: EU: DE: FR: UK:



WEEE This marking indicates that this product should not be disposed of with other household waste within the EU. Recycle this product properly to prevent possible damage to the environment or a risk to human health via uncontrolled waste disposal and in order to promote the sustainable reuse of material resources. Please return your used product to an appropriate collection point or contact the retailer where you purchased this product. Your retailer will accept used products and return them to an environmentally-sound recycling facility. For information on the disposal of electrical and electronic equipment, please visit the following website:

Technical Specifications

General	
Model	EF-DL3-A
Net. Weight	Approx. 9.9 kg (21.8 lbs)
Dimensions (W x D x H)	Approx. 220 × 223 × 263 mm (8.6 × 8.8 × 10.3 in.)
Wi-Fi (2.4G)	Frequency: 2412-2472 MHz / 2422-2462 MHz${\n} Maximum Output Power: <20 dBm
Bluetooth	Frequency: 2402-2480 MHz${\n} Maximum Output Power: <20 dBm
Operating Altitude	< 3000 m (9842 ft)
Overvoltage Category	II
Pollution Degree	2
Output	
AC Output Socket (Discharge Only)	Pure sine wave${\n}US:120V~60Hz 500W, Surge 1000W, X-boost 800W${\n} EU:230V~50Hz 500W, Surge 1000W, X-boost 1000W${\n} UK:230V~50Hz 500W, Surge 1000W, X-boost 1000W${\n} CN:220V~50Hz 500W, Surge 1000W, X-boost 1000W${\n} JP:100V~60Hz 500W, Surge 1000W, X-boost 800W${\n} BR:${\n} 1. 220V~60Hz 500W, Surge 1000W, X-boost 1000W${\n} 2. 127V~60Hz 500W, Surge 1000W, X-boost 800W ${\n}International: 230V~50Hz 500W, Surge 1000W, X-boost 1000W${\n}
DC Output Port (USB-A)	USB-A: 5V⎓2.4A, 12W Max
DC Output Port (USB-C)	USB-C: 5⎓3A/9⎓2A/12⎓1.5A, 18W Max
Input	
AC Input Socket	US:100-120V~50/60Hz 5.5A${\n} EU:220-240V~50/60Hz 2.5A${\n} UK:220-240V~50/60Hz 2.5A${\n} CN:220-240V~50/60Hz 2.5A${\n} JP:100-120V~50/60Hz5.5A${\n} BR:${\n} 1. 220-240V~50/60Hz 2.5A${\n} 2. 100-127V~50/60Hz 5.5A${\n} International: 220-240V~50/60Hz 2.5A
DC Input Port (XT60)	12~60V⎓15A Max
Battery Info	
Rated Capacity	960Wh（9.6V⎓100Ah）
Cell Chemistry	LFP ($LiFePO_4$)
Protection Type	Over Voltage Protection, Overload Protection, Over Temperature Protection, Short Circuit Protection, Low Temperature Protection, Low Voltage Protection, Overcurrent Protection
Environment Temperature	

General	
Optimal Operating Temperature	20°C-30°C (68°F-86°F)
Charge Temperature	0°C-45°C (32°F-113°F)
Discharge Temperature	–10°C to 45°C (14°F-113°F)
Storage Temperature	–10°C to 45°C (optimal: 20°C to 30°C)${\n} 14°F to 113°F (optimal: 68°F to 86°F)

Appendix

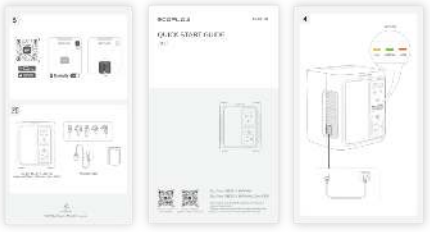
What's in the Box



1



2



3

1. EcoFlow DELTA 3 1000 Air portable power station ×12. AC charging cable ×13. Documents and warranty card

If any item is damaged or missing, contact EcoFlow Customer Service for assistance.

Accessory List